



Capital Region PRISM AIS Survey Report

Date(s): August 30th, 2022

Site Name: Dead Lake

Site Size: 10 acres

Waterbody Perimeter: .5 miles

Mean Depth: --

GPS Location: 43.097498, -73.377891

Physical Address: Dead Lake, Cambridge, NY
12816

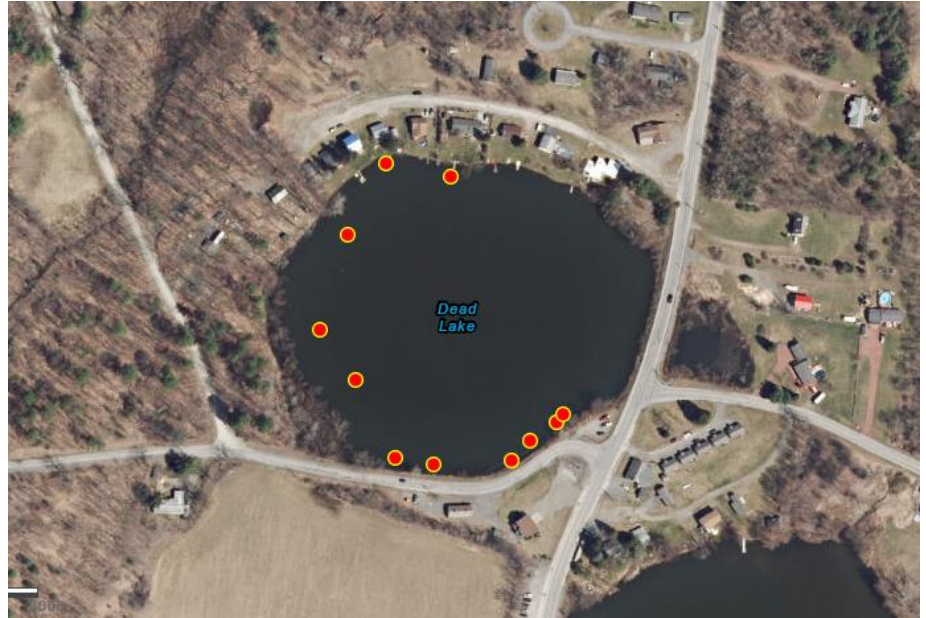
Town: Jackson

County: Washington

Property Owner Contact: NYS Department of
Environmental Conservation

Primary Contact: DEC Region 5 Ray Brook
Office | (518) 897-1200 | Info.R5@dec.ny.gov

Secondary Contact:



Survey Leader: Hannah Coppola (AIS Program Manager)

Phone: (518)885-8995

Team Members: Kristopher Williams (PRISM Coordinator)

iMapInvasives User ID: 21052

Section 1: Survey Summary

On August 30th, 2022 the Capital Region PRISM conducted an aquatic survey on Dead Lake, located in Washington County. The survey focused on early detection of Tier 1 and 2 aquatic invasive species. Upon completion of the survey it was determined that there are large populations of chara and native elodea present. A possible HAB was reported to the [NYS Suspicious Algal Bloom webpage](#). Eurasian water-milfoil has been reported previously but was not observed in large populations.

Site Description

Dead Lake is a 10-acre waterbody located in Washington County, NY. The waterbody substrate is sand and muck and a bottom cover of macrophytes. A large portion of the lake is surrounded by private properties. Dead Lake is a public waterbody with a DEC public boat launch present.

Survey Techniques

Entire waterbody, top water

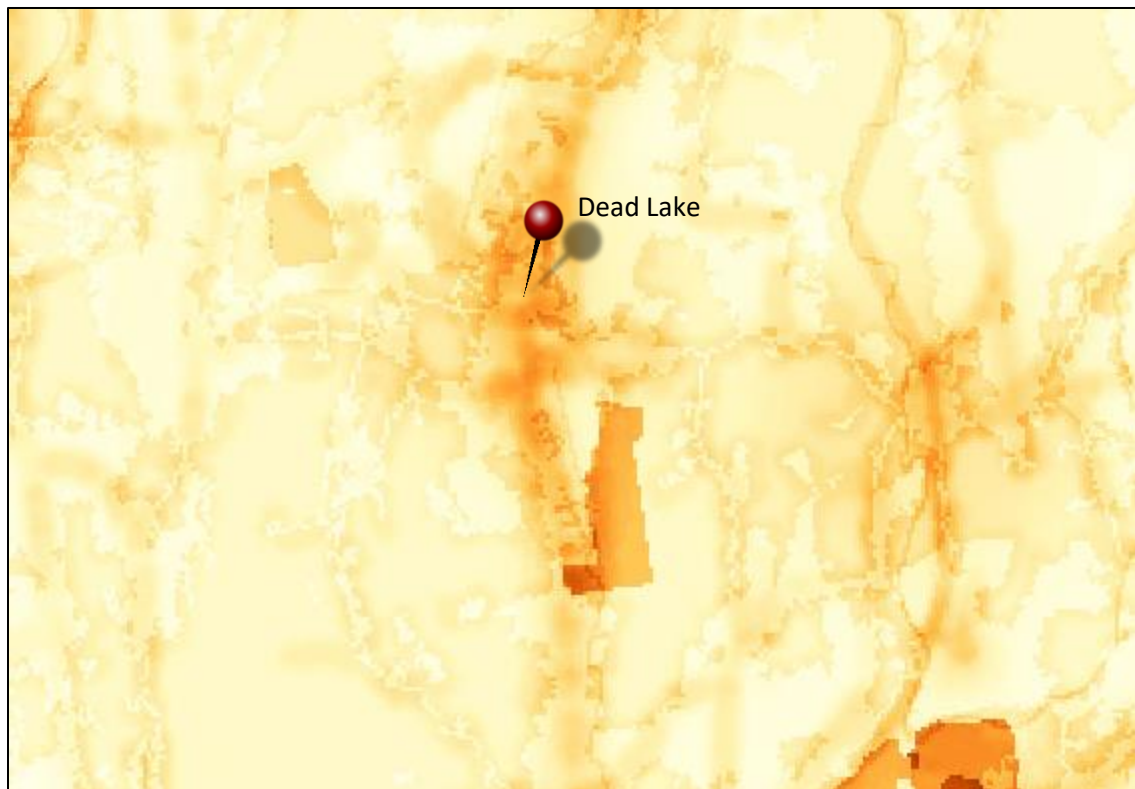
- Top-side (visual)
- Rake toss



NYS Invasive Species Prioritization Model

The area surrounding Dead Lake has a low to medium comprehensive score on the NYS Invasive Species Prioritization Model. Locations with lower comprehensive scores are less likely to have an ecological impact from aquatic invasive species.

NYS Invasive Species Prioritization Model



Does this site contain previously treated infestations?

No

Section 2: Survey Result Summary

Aquatic Invasive Species Presence

- Eurasian watermilfoil
 - New York Non-Native Animal Invasiveness Ranking – 100
 - http://nyis.info/wp-content/uploads/2018/01/5cdc8_Myriophyllum.spicatum.NYS_.pdf

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>	Multiple locations	Submerged	Vegetative	Sparse/Dense

Growth Type: Tree, Shrub, Vine, Ground Cover, Herbaceous, Riparian, Submerged, Floating, Emergent, Wetland, Pest, Animal

Phenology: Flowering, Leaf unfolding, fruit ripening, leaf color change, dormant, swarming, spawning, emergence (insects), migrating, in seed, senesce

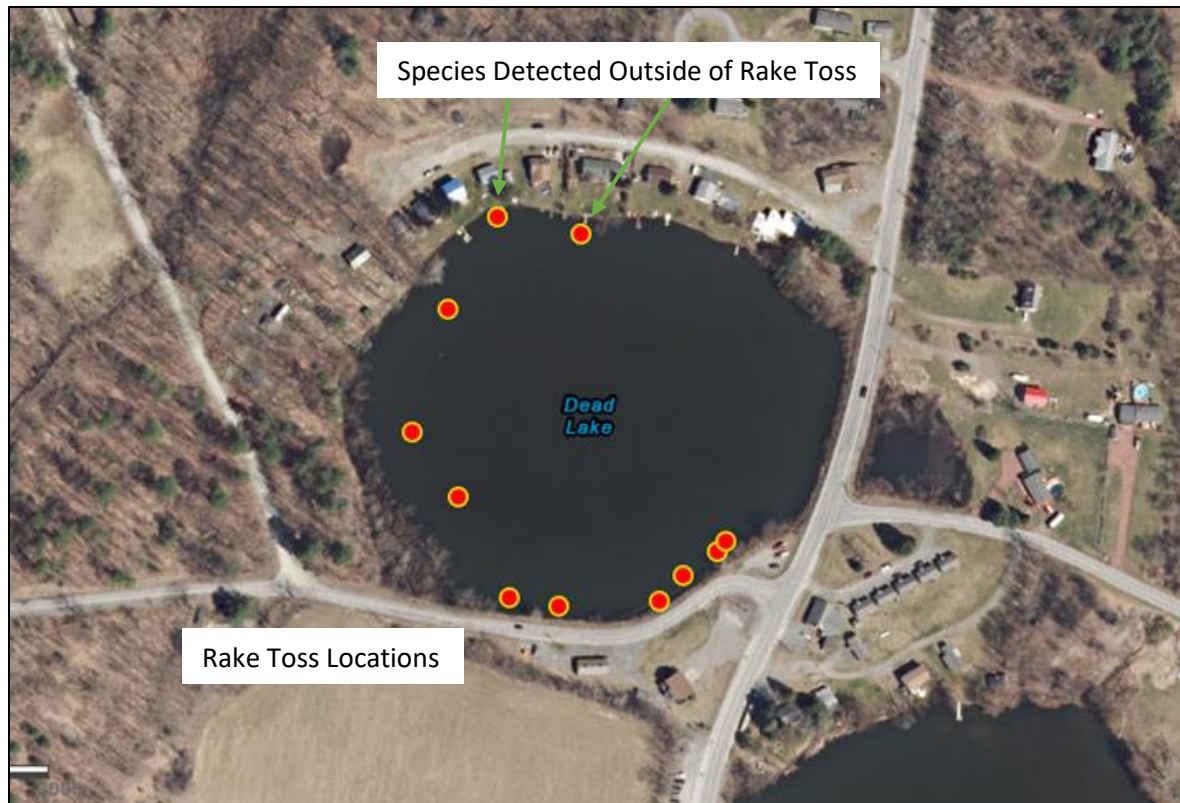


Distribution/Abundance: Trace (single plant/clump), Sparse (scattered plants/clumps), Dense plants/clumps, Linearly scattered, Monoculture

Native Species Presence

- Chara (*Chara vulgaris*)
- Pipewort (*Elodea canadensis*)
- Native Elodea (*Hydrocharitaceae*)

Map



Section 3: Summary of Recommendations

Prevention

Prevention efforts are recommended to reduce the chance of new aquatic invasive species introductions into Dead Lake. When surveying, attention should first be placed on the public launch for introduction of new species. Clean, drain, dry practices should be implemented by boaters visiting the waterbody.

Post-Survey Monitoring

Dead Lake is not considered a Priority Waterbody in the Capital Region PRISM and will not be surveyed on a regular schedule.

Will an Invasive Species Management Plan be created?

- No



Photos

